

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

SCHNEIDER et al

Serial No. 09/576,422

Filed: May 22, 2000

For: AUTOMATIC LIQUID INJECTION SYSTEM AND
METHOD



Atty. Ref.: 1889-33

Group: 3737

Examiner: Thanh

#5

* * * * *

September 25, 2000

Assistant Commissioner for Patents
Washington, DC 20231

Sir:

SUBMISSION OF NEW DECLARATION

The Declaration filed earlier in this application contained a typographical error in the filing date of the priority application. Attached is a corrected inventors' Declaration containing the correct priority date as 4 December 1997.

Respectfully submitted,

NIXON & VANDERHYE P.C.

By: _____

Arthur R. Crawford

Reg. No. 25,327

ARC:pfc
1100 North Glebe Road, 8th Floor
Arlington, VA 22201-4714
Telephone: (703) 816-4000
Facsimile: (703) 816-4100

RULE 63 (37 C.F.R. 1.63)
INVENTORS DECLARATION FOR PATENT APPLICATION
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name, and I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

AUTOMATIC LIQUID INJECTION SYSTEM AND METHOD

the specification of which (check applicable box(es)):

- ☐ is attached hereto
☒ was filed on May 22, 2000 as U.S. Application Serial No. 09/576,422 (Atty Dkt. No. 1889-33)
☐ was filed as PCT International application No. _____ on _____
and (if applicable to U.S. or PCT application) was amended on _____

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with 37 C.F.R. 1.56. I hereby claim foreign priority benefits under 35 U.S.C. 119/365 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed or, if no priority is claimed, before the filing date of this application:

Priority Foreign Application(s):

| Application Number | Country | Day/Month/Year Filed |
|--------------------|---------|----------------------|
| 97810947.8 | Europe | 04 December 1997 |

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

| Application Number | Date/Month/Year Filed |
|--------------------|-----------------------|
|--------------------|-----------------------|

I hereby claim the benefit under 35 U.S.C. 120/365 of all prior United States and PCT international applications listed above or below and, insofar as the subject matter of each of the claims of this application is not disclosed in such prior applications in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose material information as defined in 37 C.F.R. 1.56 which occurred between the filing date of the prior applications and the national or PCT international filing date of this application:

Prior U.S./PCT Application(s):

| Application Serial No. | Day/Month/Year Filed | Status: patented pending, abandoned |
|------------------------|----------------------|--|
|------------------------|----------------------|--|

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. And on behalf of the owner(s) hereof, I hereby appoint **NIXON & VANDERHYE P.C., 1100 North Glebe Rd., 8th Floor, Arlington, VA 22201-4714, telephone number (703) 816-4000 (to whom all communications are to be directed)**, and the following attorneys thereof (of the same address) individually and collectively owner's/owners' attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith and with the resulting patent: Arthur R. Crawford, 25327; Larry S. Nixon, 25640; Robert A. Vanderhye, 27076; James T. Hosmer, 30184; Robert W. Faris, 31352; Richard G. Besha, 22770; Mark E. Nusbaum, 32348; Michael J. Keenan, 32106; Bryan H. Davidson, 30251; Stanley C. Spooner, 27393; Leonard C. Mitchard, 29009; Duane M. Byers, 33363; Jeffrey H. Nelson, 30481; John R. Lastova, 33149; H. Warren Burnam, Jr. 29366; Thomas E. Byrne, 32205; Mary J. Wilson, 32955; J. Scott Davidson, 33489; Alan M. Kagen, 36178; Robert A. Molan, 29834; B. J. Sadoff, 36663; James D. Berquist, 34776; Updeep S. Gill, 37334; Michael J. Shea, 34725; Donald L. Jackson, 41090; Michelle N. Lester, 32331; Frank P. Presta, 19828; Joseph S. Presta, 35329; Joseph A. Rhoads, 37515. I also authorize Nixon & Vanderhye to delete any attorney names/numbers no longer with the firm and to act and rely solely on instructions directly communicated from the person, assignee, attorney, firm, or other organization sending instructions to Nixon & Vanderhye on behalf of the owner(s).

1. Inventor's Signature: Michel Schneider Date: 8 September 2000
Inventor: Michel Schneider French (citizenship)
(first) MI (last)
Residence: (city) Troinex (state/country) Switzerland
Post Office Address: 34, route d'Annecy, Troinex, Switzerland
(Zip Code) 1256
2. Inventor's Signature: Laurent Jakob Date: August 28 2000
Inventor: Laurent Jakob Swiss (citizenship)
(first) MI (last)
Residence: (city) Soral (state/country) Switzerland
Post Office Address: 27, Rue du Faubourg, Soral, Switzerland
(Zip Code) 1286

FOR ADDITIONAL INVENTORS, check box ☒ and attach sheet with same information and signature and date for each.

3. Inventor's Signature: Christophe Golay Date: August 28, 2000
Inventor: Christophe GOLAY Swiss
(first) MI (last) (citizenship)
Residence: (city) Les Eplanches (state/country) Switzerland
Post Office Address: 9, Rue du Faubourg, Les Eplanches, Switzerland
(Zip Code) 1286
4. Inventor's Signature: Jean Brochet Date: August 28, 2000
Inventor: Jean BROCHOT French
(first) MI (last) (citizenship)
Residence: (city) Feigeres (state/country) France
Post Office Address: L'Agnellu, Feigeres, France
(Zip Code) F-74160
5. Inventor's Signature: Feng YAN Date: August 28, 2000
Inventor: Feng YAN French
(first) MI (last) (citizenship)
Residence: (city) Carouge (state/country) Switzerland
Post Office Address: 12, Route des Acacias, Carouge, Switzerland
(Zip Code) 1227

FOR ADDITIONAL INVENTORS, check box ☐ and attach sheet with same information and signature and date for each.



1889-33
UNITED STATES
PATENT AND
TRADEMARK OFFICE
★★★★



OCTOBER 03, 2003

PTAS

Chief Financial Officer and Chief Administrative Officer
Washington, DC 20231
www.uspto.gov

NIXON & VANDERHYE P.C.
MICHELLE N. LESTER
1100 NORTH GLEBE ROAD
8TH FLOOR
ARLINGTON, VA 22201



102440041A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 05/01/2003

REEL/FRAME: 014020/0204
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

MATHIEU, CHRISTIAN

DOC DATE: 04/24/2003

ASSIGNEE:

BRACCO RESEARCH S.A.
31 ROUTE DE LA GALAISE
GENEVE, PLAN-LES-OUATES,
SWITZERLAND
1228

SERIAL NUMBER: 09576422
PATENT NUMBER:

FILING DATE: 05/22/2000
ISSUE DATE:

MARGARET LASALLE, PARALEGAL
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS



RECO

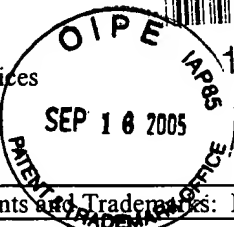
05-06-2003



102440041

Our Ref.: 1889-33

Mail Stop Assignment Recordation Services
Commissioner of Patents
P.O. Box 1450
Alexandria, VA 22313-1450



To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
Christian MATHIEU

5-1-03

2. Name and address of receiving party(ies):

Name: Bracco Research S.A.

Internal Address:

Street Address: 31 route de la Galaise

Additional name/s of conveying party/ies attached? ☐

City: Geneve, Plan-Les-Ouates

State/Country: Switzerland

Zip: 1228

3. Nature of conveyance:

☒ Assignment

☐ Merger

☐ Security Assignment

☐ Change of Name

☐ Other

Execution Date: April 24, 2003

Additional name/s & address/es attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No(s).

(1) 09/576,422

(2)

(3)

B. Patent No(s).

(1)

(2)

(3)

Additional numbers attached ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Michelle N. Lester

Internal Address:

Street Address: Nixon & Vanderhye P.C.

1100 North Glebe Road

8th Floor

City: Arlington State: VA Zip: 22201

6. Total number of applications & patents involved: 1

7. Total fee (37 CFR 3.41)

\$ 40.00

☒ Enclosed

☐ Authorized to be charged to deposit account #14-1140

8. The Commissioner is hereby authorized to charge any deficiency in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper thereafter filed in this application by this firm) to our Account No. 14-1140.

DO NOT USE THIS SPACE

9. Statements and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Michelle N. Lester

Name of Person Signing

Reg. No. 32,331

Signature

May 1, 2003

Date

Total number of pages including original cover sheet, attachments, and document:

[2]

05/05/2003 LNUELLER 00000109 09576422

01 FC:6021

40.00

1889-33

ASSIGNMENT OF PATENT APPLICATION

(Inventor) Christian MATHIEU

(Assignee) In consideration of the sum of one dollar (\$1.00) and other good and valuable
(Address) considerations paid to each of the undersigned, the undersigned agree(s) to assign,
and hereby does assign, transfer and set over to
Bracco Research S.A.
(of 31, route de la Galaise, 1228 Plan-Les-Ouates Switzerland
(hereinafter designated as the Assignee) the undersigned's entire right, title and
interest for the United States, its territories, dependencies and possessions, and for
the country of
(Other Countries) (in the invention, and all application for patent and any Letters Patent which
(Title) may be granted therefore, known as
AUTOMATIC LIQUID INJECTION SYSTEM AND METHOD (Case No. 1889-33)
for which the undersigned has (have) executed on even date herewith an application
for patent in the United States of America or, if not on even date, then has executed
(on or has already filed in
(U.S. appln. Serial No. 09/576,422, filed on May 22, 2000).
The undersigned acknowledges an obligation of assignment of this invention to said
assignee at the time the invention was made.

The undersigned agree(s) to execute all papers and documents necessary in connection with the
application or any interference which may be declared and any continuing or divisional applications
thereof and also to execute separate assignments in connection with such applications as the Assignee
may deem necessary or expedient and further to perform any act which may be necessary in connection
with claims or provisions of the International Convention for Protection of Industrial Property or similar
agreements.

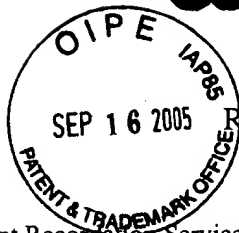
The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a
grant of a valid United States patent to the Assignee.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any
and all Letters Patent of the United States resulting from said application or any division or divisions or
continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby
covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has
(they have) not executed and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the firm of NIXON & VANDERHYE P.C. the power to insert on
this assignment any further identification which may be necessary or desirable in order to comply with the
rules of the United States Patent Office for recordation of this document. It is understood and agreed that
ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have represented only ASSIGNEE and will continue to
represent only ASSIGNEE with respect to this invention.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned
signature(s).

Date: 24/04/2003 Signature of Inventor (Mathieu)



RECORDATION FORM COVER SHEET

PATENTS ONLY

Our Ref.: 1889-33

Mail Stop Assignment Recordation Services
Commissioner of Patents
P.O. Box 1450
Alexandria, VA 22313-1450

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

| | |
|---|--|
| <p>1. Name of conveying party(ies): Christian MATHIEU</p> <p>Additional name/s of conveying party/ies attached? <input type="checkbox"/></p> <p>3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Assignment <input type="checkbox"/> Change of Name <input type="checkbox"/> Other</p> <p>Execution Date: April 24, 2003</p> | <p>2. Name and address of receiving party(ies):</p> <p>Name: Bracco Research S.A. Internal Address: Street Address: 31 route de la Galaise</p> <p>City: Geneve, Plan-Les-Ouates State/Country: Switzerland Zip: 1228</p> <p>Additional name/s & address/es attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> |
|---|--|

4. Application number(s) or patent number(s):
If this document is being filed together with a new application, the execution date of the application is: _____

| | |
|--|---|
| <p>A. Patent Application No(s). (1) 09/576,422 (2) (3)</p> | <p>B. Patent No(s). (1) (2) (3)</p> |
|--|---|

Additional numbers attached ☐ Yes ☒ No

| | |
|--|--|
| <p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: Michelle N. Lester</p> <p>Internal Address:</p> <p>Street Address: Nixon & Vanderhye P.C. 1100 North Glebe Road 8th Floor</p> <p>City: Arlington State: VA Zip: 22201</p> | <p>6. Total number of applications & patents involved: 1</p> <p>7. Total fee (37 CFR 3.41) \$ 40.00 <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account #14-1140</p> <p>8. The Commissioner is hereby authorized to charge any deficiency in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper thereafter filed in this application by this firm) to our Account No. 14-1140.</p> |
|--|--|

DO NOT USE THIS SPACE

9. Statements and signature.
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

| | | |
|--|------------------|-----------------------------|
| <p>Michelle N. Lester Name of Person Signing Reg. No. 32,331</p> | <p>Signature</p> | <p>May 1, 2003 Date</p> |
|--|------------------|-----------------------------|

Total number of pages including original cover sheet, attachments, and document: [2]

1889-33

ASSIGNMENT OF PATENT APPLICATION

(Inventor) Christian MATHIEU

(Assignee) In consideration of the sum of one dollar (\$1.00) and other good and valuable
(Address) considerations paid to each of the undersigned, the undersigned agree(s) to assign,
and hereby does assign, transfer and set over to
Bracco Research S.A.

(Other Countries) (of 31, route de la Galaise, 1228 Plan-Les-Ouates Switzerland
(Title) (hereinafter designated as the Assignee) the undersigned's entire right, title and
interest for the United States, its territories, dependencies and possessions, and for
the country of

(Other Countries) (in the invention, and all application for patent and any Letters Patent which
(Title) may be granted therefore, known as

AUTOMATIC LIQUID INJECTION SYSTEM AND METHOD (Case No. 1889-33)
for which the undersigned has (have) executed on even date herewith an application
for patent in the United States of America or, if not on even date, then has executed
(on or has already filed in
(U.S. appln. Serial No. 09/576,422, filed on May 22, 2000).

The undersigned acknowledges an obligation of assignment of this invention to said
assignee at the time the invention was made.

The undersigned agree(s) to execute all papers and documents necessary in connection with the
application or any interference which may be declared and any continuing or divisional applications
thereof and also to execute separate assignments in connection with such applications as the Assignee
may deem necessary or expedient and further to perform any act which may be necessary in connection
with claims or provisions of the International Convention for Protection of Industrial Property or similar
agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a
grant of a valid United States patent to the Assignee.

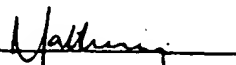
The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any
and all Letters Patent of the United States resulting from said application or any division or divisions or
continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby
covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has
(they have) not executed and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the firm of NIXON & VANDERHYE P.C. the power to insert on
this assignment any further identification which may be necessary or desirable in order to comply with the
rules of the United States Patent Office for recordation of this document. It is understood and agreed that
ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have represented only ASSIGNEE and will continue to
represent only ASSIGNEE with respect to this invention.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned
signature(s).

Date: 24/04/2003

Signature of Inventor (



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

SCHNEIDER et al

Serial No. 09/576,422

Filed: May 22, 2000

Atty. Ref.: 1889-33

Group: 3737

Examiner: Thompson, K.

For: AUTOMATIC LIQUID INJECTION SYSTEM AND METHOD

* * * * *

May 1, 2003

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

REQUEST FOR CORRECTION OF INVENTORSHIP UNDER 37 CFR §1.48(a)

It is respectfully requested that the inventorship of the above-identified application be corrected to list the following inventors:

Michael Schneider
Christophe Golay
Laurent Jakob
Jean Brochot
Feng Yan
Christian Mathieu

The present request is being filed pursuant to 37 CFR §1.48(a). One inventor is being added. A statement from the added inventor that the error in inventorship occurred without deceptive intention on their part is attached. Furthermore, an Oath or Declaration by all actual inventors is attached. The processing fee set forth in 37 CFR §1.17(i)(\$130), pursuant to Rule 48(a)(4) is attached. A written consent of the assignee is also attached along with a copy of a newly executed Assignment from the newly named inventor, Christian Mathieu, to the Assignee. The assignment attached to

SCHNEIDER et al
Serial No. 09/576,422
May 1, 2003

the consent is concurrently being filed for recordation in the U.S. Patent and Trademark Office.

Grant of the present request for correction of inventorship and early issuance of a new filing receipt indicating the above-identified inventors are respectfully requested.

The Commissioner is hereby authorized to charge any deficiency, or credit any overpayment, in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Account No. 14-1140 under Order No. 1889-33.

Respectfully submitted,

NIXON & VANDERHYE P.C.

By: _____
Michelle N. Lester
Reg. No. 32,331

MNL:slj
1100 North Glebe Road, 8th Floor
Arlington, VA 22201-4714
Telephone: (703) 816-4000
Facsimile: (703) 816-4100



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

SCHNEIDER et al

Atty. Ref.: 1889-33

Serial No. 09/576,422

Group: 3737

Filed: May 22, 2000

Examiner: Thompson, K.

For: AUTOMATIC LIQUID INJECTION SYSTEM AND
METHOD

* * * * *

Assistant Commissioner for Patents
Washington, DC 20231

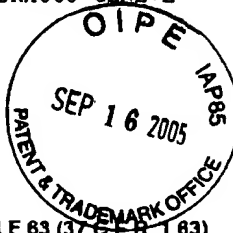
Sir:

STATEMENT UNDER RULE 48(a)

I, Christian MATHIEU of REMOY, FRANCE, state that the
error in not naming me as an inventor of the above-identified application occurred
without deceptive intention on my part.

Signature: [Signature]
Name: MATHIEU Christian

24/04/2003
Date



99-33

BR023/Rolas

Nixon & Vanderhye P.C. (10/99)

(Domestic Non-Assigned/Foreign) Page 1

RULE 63 (37 C.F.R. 1.63)

INVENTORS DECLARATION FOR PATENT APPLICATION IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

As a below named inventor, I hereby declare that my residence, mailing address and citizenship are as stated below next to my name, and I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

AUTOMATIC LIQUID INJECTION SYSTEM AND METHOD

the specification of which (check applicable box(es)):

☐ is attached hereto

☒ was filed on May 22, 2000 as U.S. Application Serial No. 09/576,422 (Atty. Dkt. No. 1889-33)

☐ was filed as PCT International application No. on

and (if applicable to U.S. or PCT application) was amended on May 22, 2000

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose to the Patent Office all information known to me to be material to patentability as defined in 37 C.F.R. 1.56. I hereby claim foreign priority benefits under 35 U.S.C. 119/365 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed or, if no priority is claimed, before the filing date of this application:

Priority Foreign Application(s):

Application Number
97810947.8

Country
EP

Day/Month/Year Filed
04 December 1997

I hereby claim the benefit under 35 U.S.C. §119(a) of any United States provisional application(s) listed below.

Application Number

Date/Month/Year Filed

I hereby claim the benefit under 35 U.S.C. 120/365 of all prior United States and PCT International applications listed above or below:

Prior U.S./PCT Application(s):
Application Serial No.

Day/Month/Year Filed

Status: patented
pending, abandoned

09/204,067

03/DEC/1998

Pending

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. And on behalf of the owner(s) hereof, I hereby appoint Nixon & Vanderhye P.C., telephone number 703-616-

4000 (to whom all communications are to be directed) and the attorneys of: **Customer Number 23117**, individually and collectively owner's/owners' attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith and with the resulting patent. I also authorize Nixon & Vanderhye to add or delete attorneys from that Customer Number, and to act and rely solely on instructions directly communicated from the person, assignee, attorney, firm, or other organization sending instructions to Nixon & Vanderhye on behalf of the owner(s).

- Inventor's Signature: Date: 29.4.2003

Inventor: Michel (first) SCHNEIDER (last) French (citizenship)

Residence: (city) Troinex (state/country) Switzerland

Mailing Address: 34, route d'Annecy, Troinex, Switzerland

(Zip Code) 1256
- Inventor's Signature: Date: 16/09/2003

Inventor: Christophe (first) GOLAY (last) Swiss (citizenship)

Residence: (city) Soral (state/country) Switzerland

Mailing Address: 5, Rue du Faubourg, Soral, Switzerland

(Zip Code) 1286

[X] See attached sheet(s) for additional inventor(s) information!!

1889-33

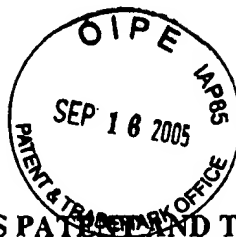
Serial No. 09/576,422

Page 2

Nixon & Vanderhye P.C. (10/99)
(Domestic Non-Assigned/Foreign)

3. Inventor's Signature: *Laurent* Date: 29/4/03
Inventor: Laurent MI JAKOB Swiss
(first) (last) (citizenship)
Residence: (city) Soral (state/country) Switzerland
Mailing Address: 27, Chemin du Faubourg, Soral, Switzerland
(Zip Code) 1288
4. Inventor's Signature: *Jean Brochet* Date: 29.04.2003
Inventor: Jean MI BROCHOT French
(first) (last) (citizenship)
Residence: (city) Felgeres (state/country) France
Mailing Address: L'Aghellu, Feigeres, France
(Zip Code) F-74160
5. Inventor's Signature: *Yan Feng* Date: 24/04/2003
Inventor: Feng MI YAN Chinese
(first) (last) (citizenship)
Residence: (city) Meyrin (state/country) Switzerland
Mailing Address: 65, Rue des Lattes, Meyrin, Switzerland
(Zip Code) 1217
6. Inventor's Signature: *Christian Mathieu* Date: 24/04/2003
Inventor: Christian MI MATHIEU French
(first) (last) (citizenship)
Residence: (city) Remoray (state/country) France
Mailing Address: 9, Chemin des Places, Remoray, France
(Zip Code) 25160

FOR ADDITIONAL INVENTORS, check box [] and attach sheet with same information and signature and date for each.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

SCHNEIDER et al

Atty. Ref.: 1889-33

Serial No. 09/576,422

Group: 3737

Filed: May 22, 2000

Examiner: Thompson, K.

For: AUTOMATIC LIQUID INJECTION SYSTEM AND
METHOD

* * * * *

Assistant Commissioner for Patents
Washington, DC 20231

Sir:

CONSENT OF THE ASSIGNEE TO
CORRECTION OF INVENTORSHIP

BRACCO RESEARCH S.A., having a principal place business at 31, route de la Galaise, 1228 Plan-Les-Ouates, Switzerland, verifies through its duly authorized representative that it is the assignee of the above-identified application by way of an Assignment executed by Michael SCHNEIDER, Laurent JAKOB, Christophe GOLAY, Jean BROCHOT, and Feng YAN, recorded in the United States Patent and Trademark Office on December 3, 1998, at Reel 9658, Frame(s) 0347, and by way of an assignment executed by Christian MATHIEU, copy attached and separately submitted for recordation in the United States Patent & Trademark Office along with the present paper.

I represent that I am authorized to execute this document on behalf of BRACCO RESEARCH S.A. I further certify that to the best of my knowledge and belief the title of this invention is in BRACCO RESEARCH S.A.

SCHNEIDER et al
Serial No. 09/576,422

- **BRACCO RESEARCH S.A.** being assignee of the above-identified application,
hereby consents to the correction of inventorship of the above-identified application
to add Christian MATHIEU as an inventor.

I hereby declare that all statements made herein of my own knowledge are true
and that all statements made on information and belief are believed to be true; and further
that these statements were made with the knowledge that willful false statements and the
like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title
18 of the United States Code and that such willful false statements may jeopardize the
validity of the application or any patent issued thereon.

Signed this 29th day of April, 2003.

BRACCO RESEARCH S.A.



Michel SCHNEIDER
Director

1889-33

ASSIGNMENT OF PATENT APPLICATION

(Inventor) Christian MATHIEU

(Assignee) In consideration of the sum of one dollar (\$1.00) and other good and valuable
(Address) considerations paid to each of the undersigned, the undersigned agree(s) to assign,
and hereby does assign, transfer and set over to
Bracco Research S.A.

(Address) (of 31, route de la Galaise, 1228 Plan-Les-Ouates Switzerland
(hereinafter designated as the Assignee) the undersigned's entire right, title and
interest for the United States, its territories, dependencies and possessions, and for
the country of

(Other Countries) (in the invention, and all application for patent and any Letters Patent which
(Title) may be granted therefore, known as

AUTOMATIC LIQUID INJECTION SYSTEM AND METHOD (Case No. 1889-33)
for which the undersigned has (have) executed on even date herewith an application
for patent in the United States of America or, if not on even date, then has executed
(on or has already filed in
(U.S. appln. Serial No. 09/576,422, filed on May 22, 2000).

The undersigned acknowledges an obligation of assignment of this invention to said
assignee at the time the invention was made.

The undersigned agree(s) to execute all papers and documents necessary in connection with the
application or any interference which may be declared and any continuing or divisional applications
thereof and also to execute separate assignments in connection with such applications as the Assignee
may deem necessary or expedient and further to perform any act which may be necessary in connection
with claims or provisions of the International Convention for Protection of Industrial Property or similar
agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a
grant of a valid United States patent to the Assignee.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any
and all Letters Patent of the United States resulting from said application or any division or divisions or
continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby
covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has
(they have) not executed and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the firm of NIXON & VANDERHYE P.C. the power to insert on
this assignment any further identification which may be necessary or desirable in order to comply with the
rules of the United States Patent Office for recordation of this document. It is understood and agreed that
ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have represented only ASSIGNEE and will continue to
represent only ASSIGNEE with respect to this invention.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned
signature(s).

Date: 24/04/2003

Signature of Inventor (

Mathieu